

## ABSTRACT OF THE DISCLOSURE

Deterring a rollback attack against a first database by determining if the first database is corrupted, the first database being associated with a first authentication code, determining if a second database is corrupted when the first database is corrupted, the second database being associated with a second authentication code, the second database having contents substantially the same as the first database, and when the second database is not corrupted, recalculating the second authentication code using a portion of the first authentication code, copying the second database over the first database, and proceeding with authorized operations for processing content by an application program.

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